

M16A4 Rifle



The M16A4 increases the Soldier's lethality and operational flexibility through improvements to the M16A2, the major infantry combat weapon throughout the U.S. Armed Forces. The fourth generation M16, the M16A4 Rifle features a performance identical to the M16A2. The M16A4 is a flat-topped M16A2 that incorporates a MIL-STD 1913 rail on top of the weapon's upper receiver. This weapon, when combined with the M5 adapter rail system, is the basis for the M16 version of the Modular Weapon System (MWS).

Physical differences between the M16A2 and M16A4 include a removable carrying handle with an integral rail-mounting system on the M16A4. When the carrying handle is removed, any accessory device with a rail grabber, such as an optical sight, can be mounted on the weapon. The M16A4 Rifle barrel is designed to accept the M203 Grenade Launcher, which can easily be assembled to the rifle, offering the user both point and area firing capabilities.

Performance Characteristics

Caliber: 5.56 x 45mm NATO

Weight without magazine: 7.5 lbs

Empty 30 round magazine: 0.25 lbs

Loaded 30 round magazine: 1 lbs

Overall length: 39.6 inches

Barrel length: 20 inches

Muzzle velocity: 3110 feet per second

Effective range: 600 meters

Front sight: Adjustable front

Rear sight: Target sight adjustable for windage and elevation to 600 meters

Sight radius: 19.75 inches

Cyclic rate of fire: 700-950 rounds per minute

Fire control selection: Safe - Semi - Burst

Upper receiver: Flat Top With Detachable Carrying Handle

M4 Carbine

The M4 carbine replaces the M3 submachine gun, select M9 pistols, and M16A2 rifles for unit leaders, crews served gunners, vehicle crews, radio operators, light infantry, airborne/air assault, and combat engineers. It provides improved firepower compared to the M3 and M9 and allows for mounting of the latest generation fire control accessories without tools. It is one pound lighter than the M16 and more portable than the M16A2.



Performance Characteristics

Caliber: 5.56 x 45mm NATO

Weight without magazine: 6.5 lbs

Empty 30-round magazine: .25 lbs

Loaded 30-round magazine: 1 lb

Overall length: 29.75 inches (retracted) 33 inches (extended)

Barrel length: 14.5 inches

Muzzle velocity: 2970 ft/sec

Effective range: 500 meters point target/600 meters area target

Front sight: Adjustable

Rear sight: Target sight adjustable for windage and elevation to 600 meters

Sight radius: 14.5 inches

Cyclic rate-of-fire: 700-900 rounds per minute

Fire control selection: Safe - Semi - Burst

Upper receiver: Flat top with detachable handle

